

IN THE CLAIMS:

Please add the following new claims 21-29:

21 (New) A rotor for a permanent magnet embedded motor, the rotor comprising:

a rotor core comprising a plurality of stacked plates of a magnetic material and having a plurality of slits formed at corresponding poles; and

at least one bond magnet embedded in at least one of the slits, wherein the at least one bond magnet is formed from a plate-shaped bond magnet, wherein at least one of a length dimension and a width dimension of the at least one bond magnet in a cross-section orthogonal to an axis of the rotor is greater than a corresponding dimension of the at least one of the slits, and the at least one bond magnet is fitted in the at least one of the slits under pressure.

22. (New) A rotor according to claim 21, wherein the at least one bond magnet has a length dimension and a width dimension that are both greater than those of the at least one of the slit.

23. (New) A rotor according to claim 21, wherein each of the slits has an opening section in one of an arc shape, a V shape and a channel shape.

24. (New) A rotor according to claim 21, wherein at least one of the slits has a partially narrow section in the width dimension thereof.

25. (New) A rotor according to claim 21, wherein the width dimension of the at least one of the slits changes in a length direction thereof.

26. (New) A rotor according to claim 21, wherein each of the slits comprises a plurality of protrusions formed on an inner surface thereof to extend into a corresponding bond magnet fitted in the slit.

27. (New) A rotor according to claim 21, wherein the at least one bond magnet is flexibly compressive and flexibly contracted in the corresponding slit.

28. (New) A rotor according to claim 21, wherein the at least one bond magnet is flexibly compressive in at least one of a length direction and a width direction thereof and flexibly contracted in the corresponding slit in at least one of the length direction and the width direction.

29. (New) A rotor according to claim 21, wherein at least one of the length dimension and the width dimension of the at least one bond magnet is approximately 5% larger than the corresponding dimension of the at least one of the slits.